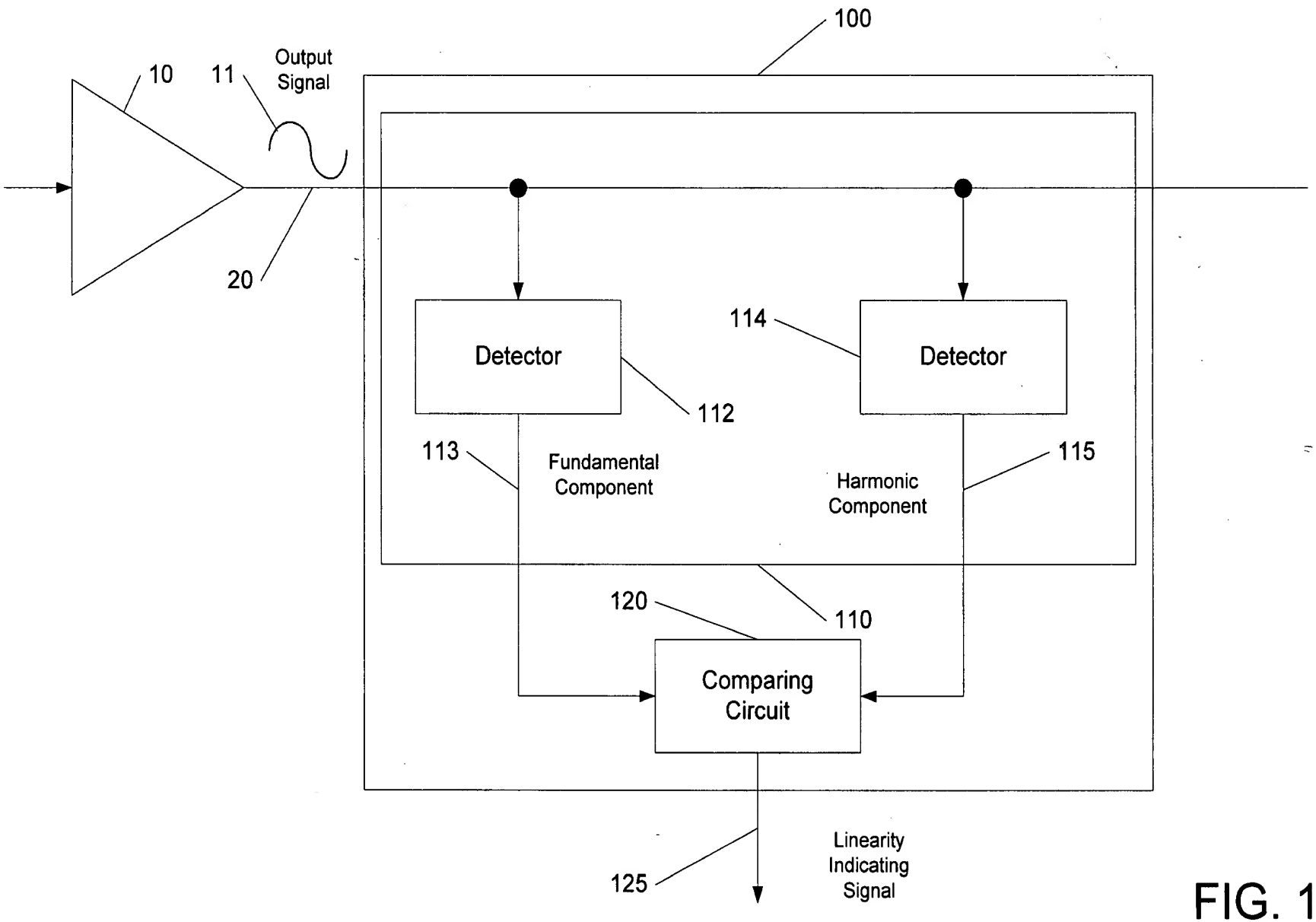
100
10
11
Output
Signal
20
Detector
112
114
Detector
113
Fundamental
Component
Harmonic
Component
115
120
110
Comparing
Circuit
125
Linearity
Indicating
Signal

FIG. 1

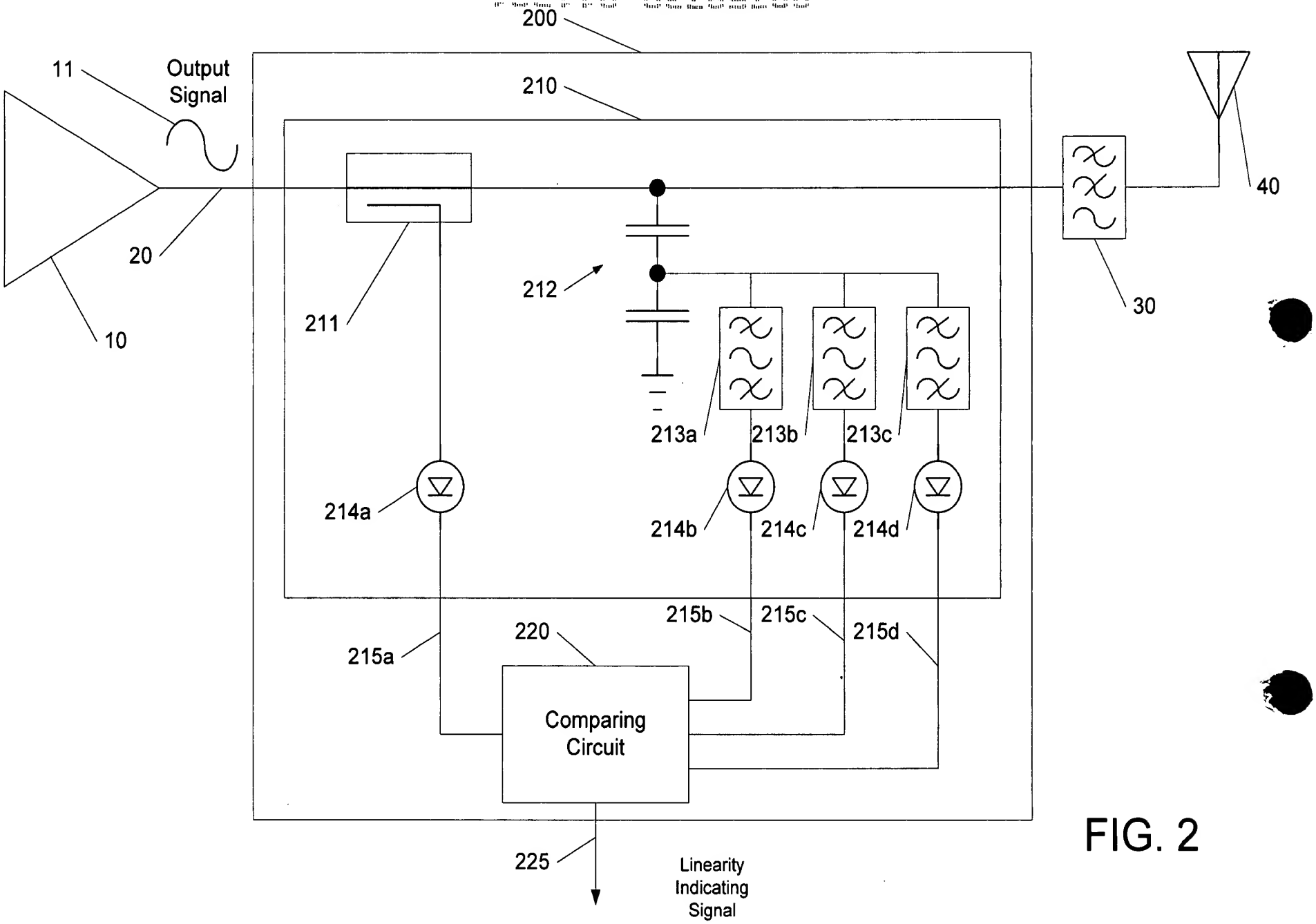
200
11
Output
Signal
210
40
20
212
30
211
10
213a
213b
213c
214a
214b
214c
214d
215b
215c
215d
220
215a
Comparing
Circuit
225
Linearity
Indicating
Signal

FIG. 2

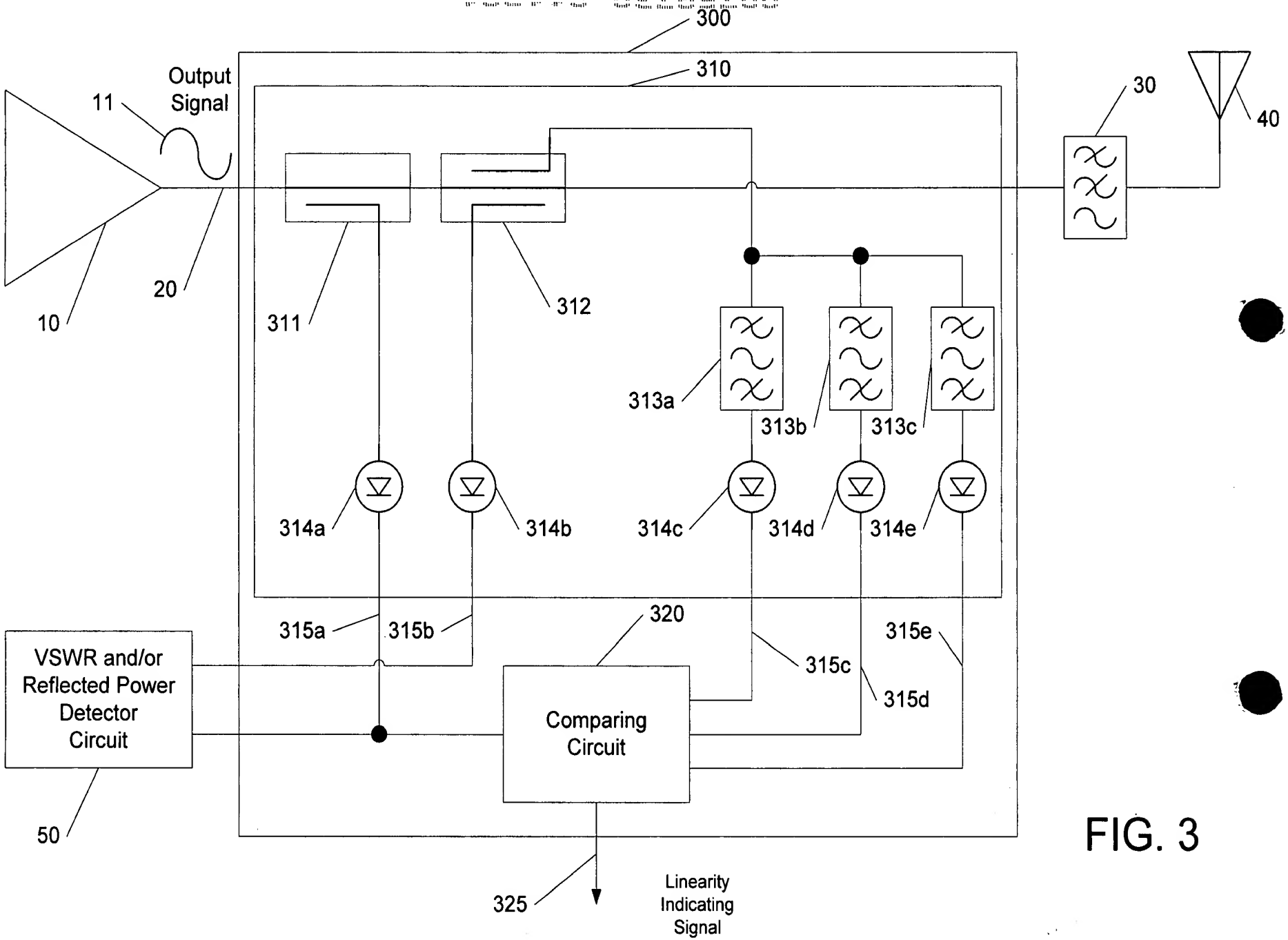
300
310
Output Signal
11
10
20
311
312
30
40
313a
313b
313c
314a
314b
314c
314d
314e
315a
315b
315c
315d
315e
320
VSWR and/or Reflected Power Detector Circuit
Comparing Circuit
50
325
Linearity Indicating Signal

FIG. 3

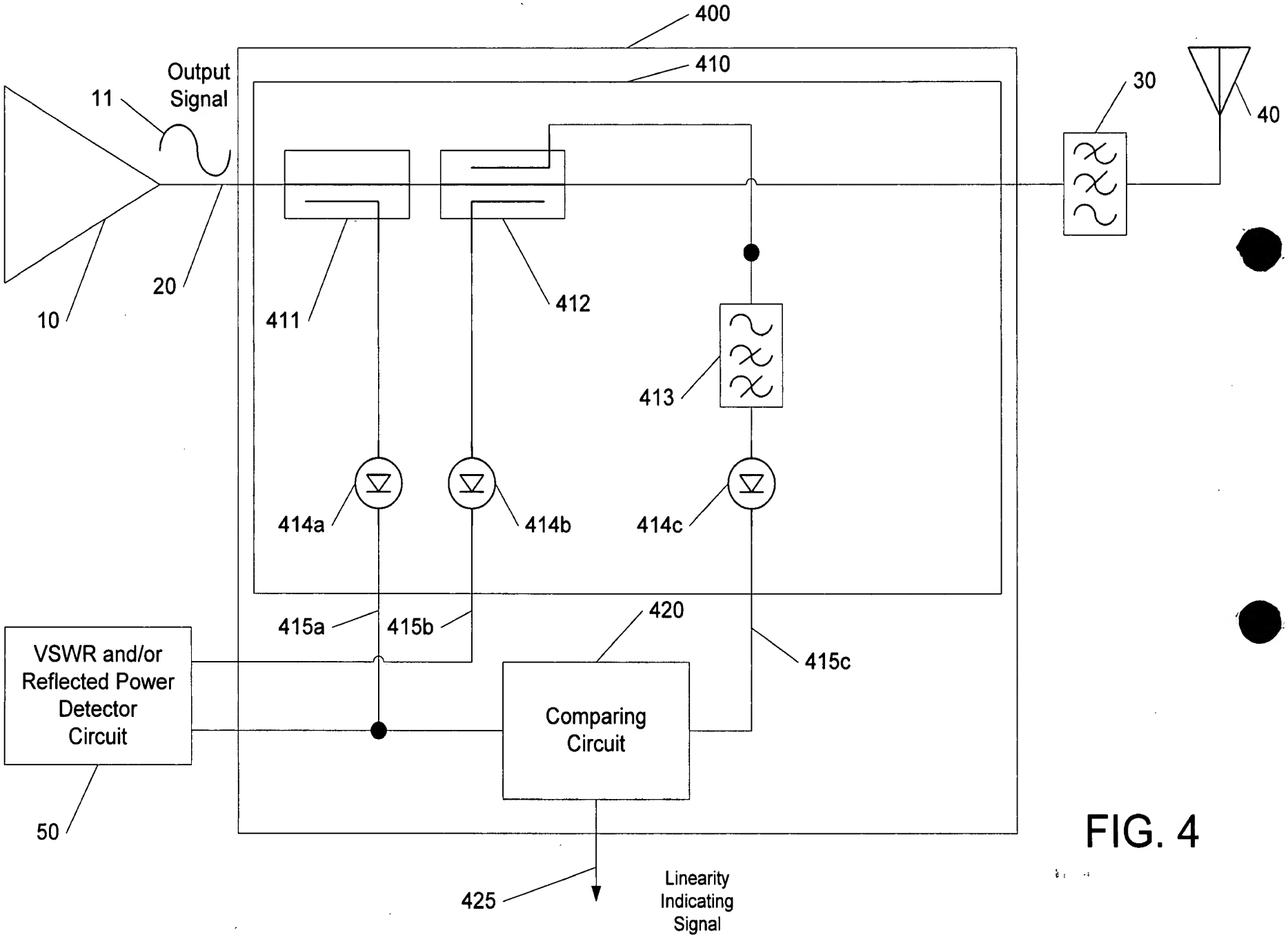
400
410
Output Signal
11
30
40
20
10
411
412
413
414a
414b
414c
415a
415b
415c
420
VSWR and/or Reflected Power Detector Circuit
Comparing Circuit
50
425
Linearity Indicating Signal

FIG. 4

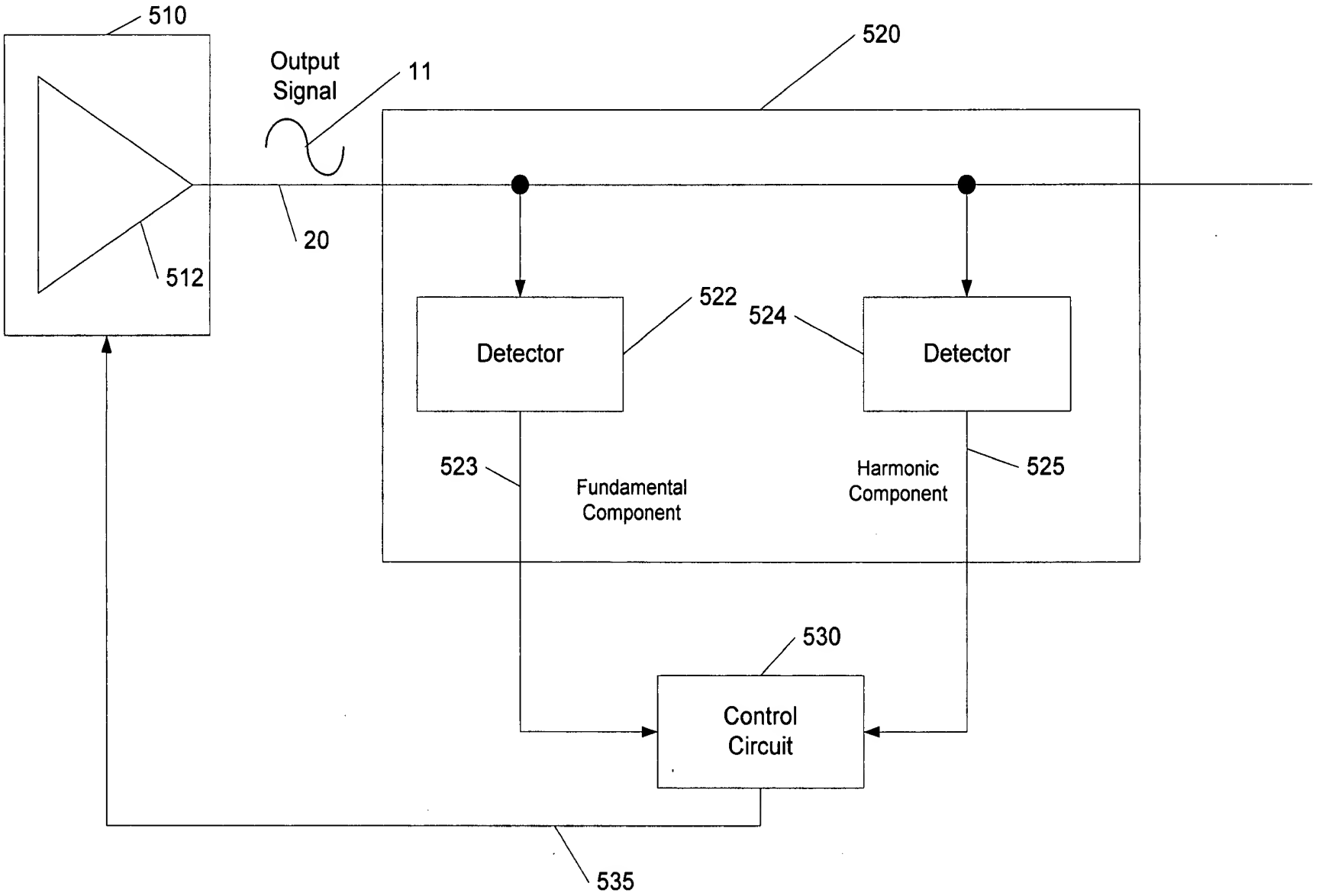
510
Output Signal
11
520
20
512
Detector
522
524
Detector
523
Fundamental Component
Harmonic Component
525
530
Control Circuit
535

FIG. 5

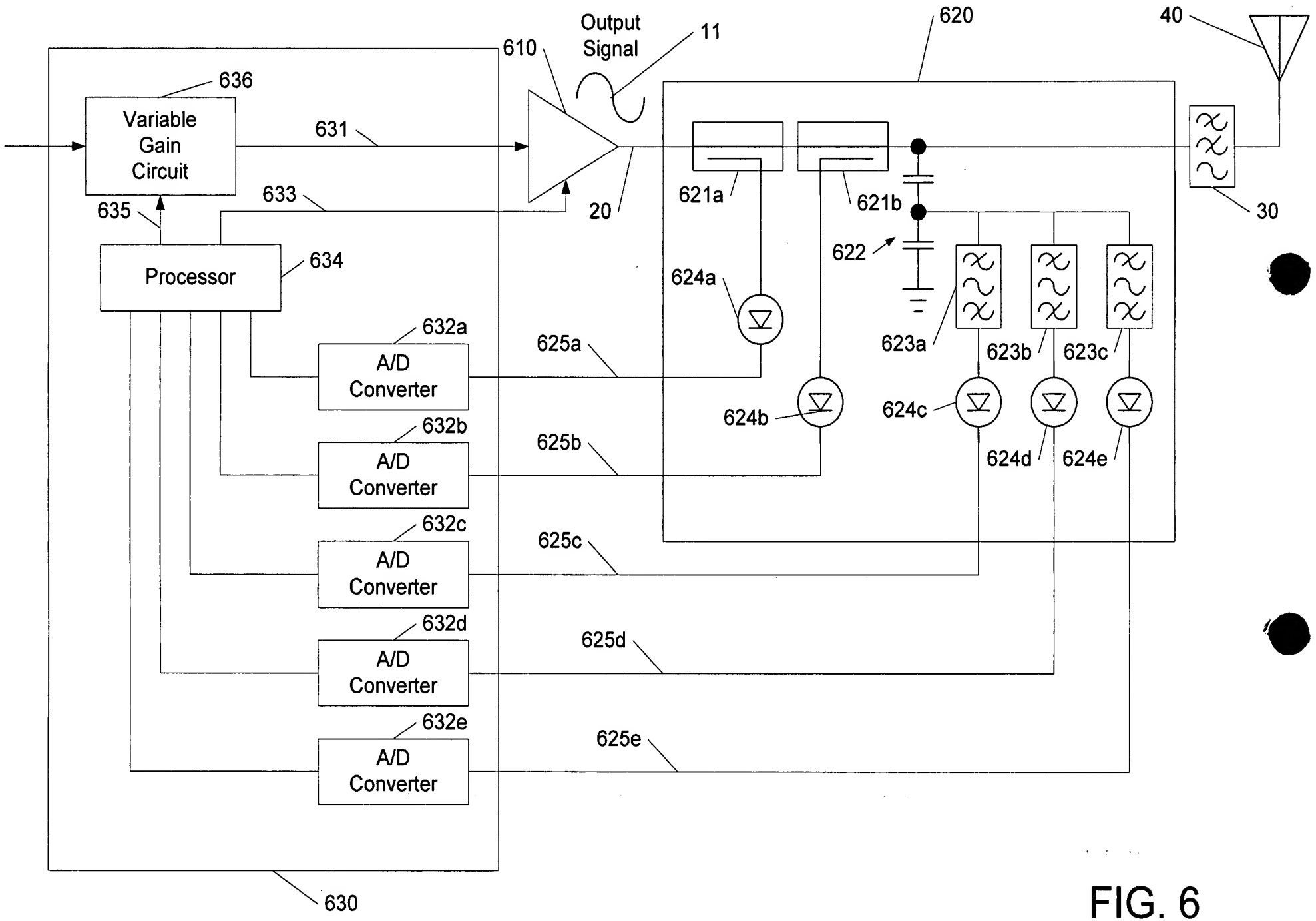
Output Signal
11
610
620
40
636
Variable Gain Circuit
631
633
635
Processor
634
20
621a
621b
622
30
624a
623a
623b
623c
624b
624c
624d
624e
632a
A/D Converter
625a
632b
A/D Converter
625b
632c
A/D Converter
625c
632d
A/D Converter
625d
632e
A/D Converter
625e
630

FIG. 6

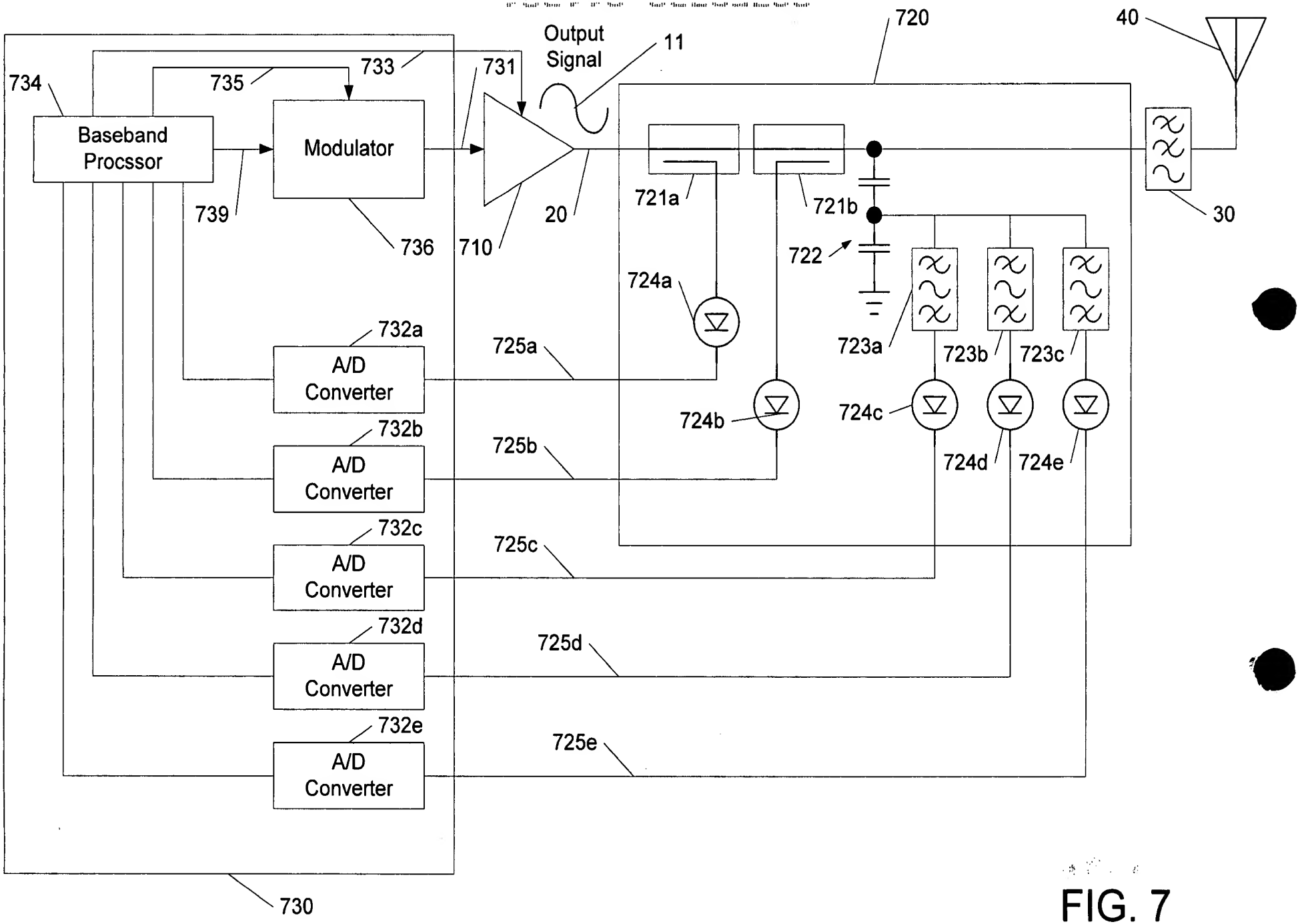
Baseband Procssor
Modulator
A/D Converter
A/D Converter
A/D Converter
A/D Converter
A/D Converter
Output Signal
11
20
30
40
710
720
721a
721b
722
723a
723b
723c
724a
724b
724c
724d
724e
725a
725b
725c
725d
725e
730
731
733
734
735
736
739
732a
732b
732c
732d
732e

FIG. 7

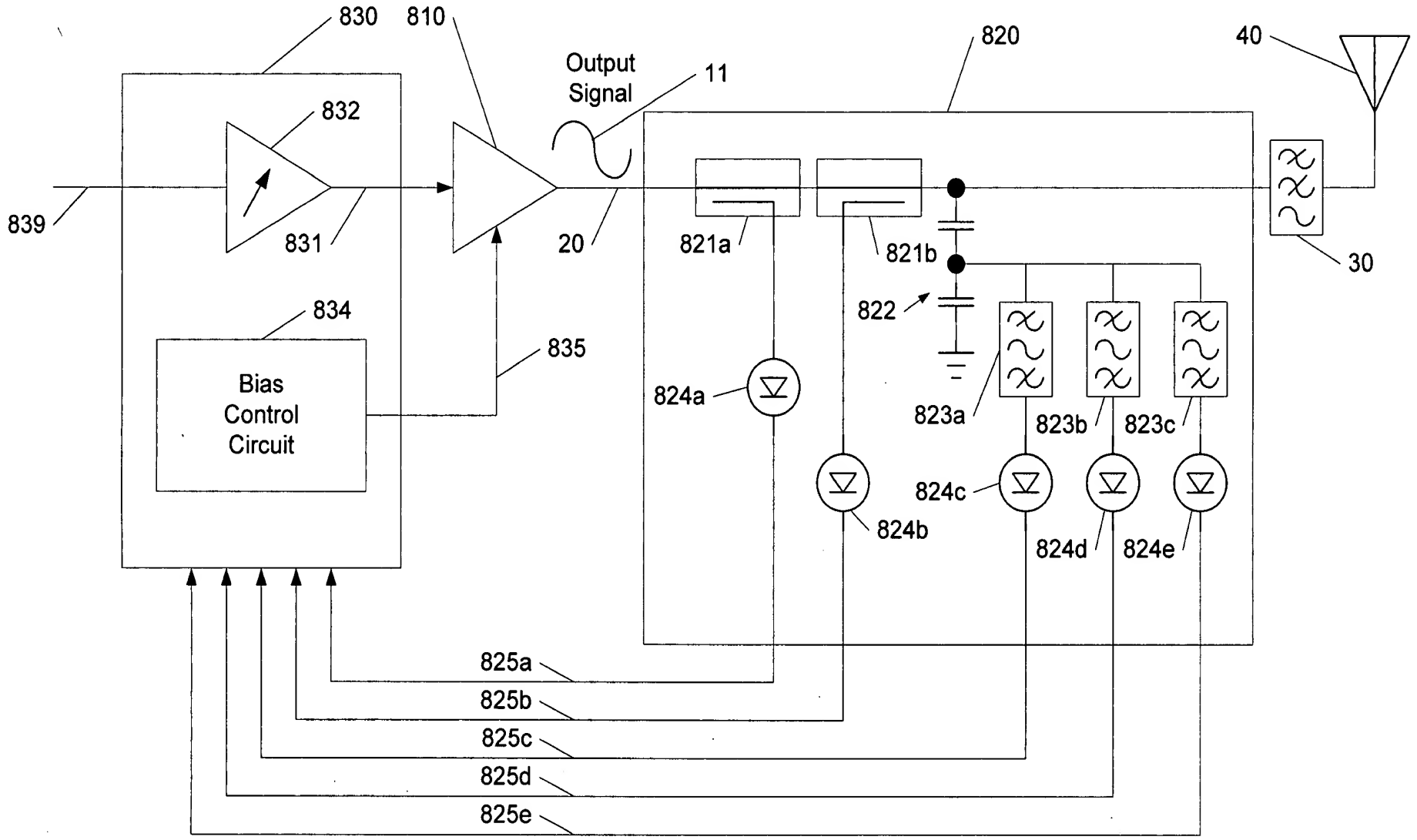
830
810
820
40
Output Signal
11
832
839
831
20
821a
821b
30
822
834
835
Bias Control Circuit
824a
823a
823b
823c
824c
824b
824d
824e
825a
825b
825c
825d
825e

FIG. 8

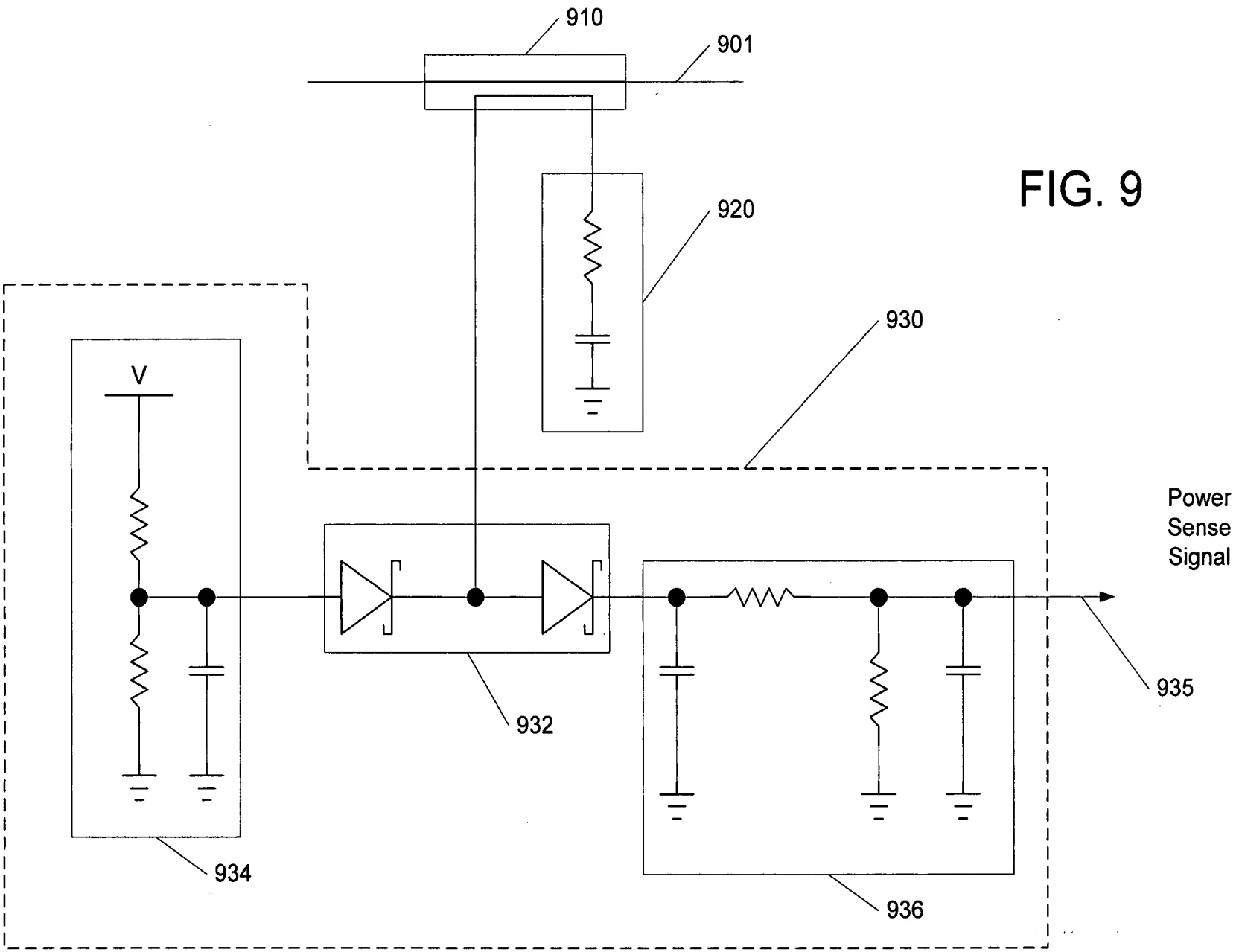

FIG. 9

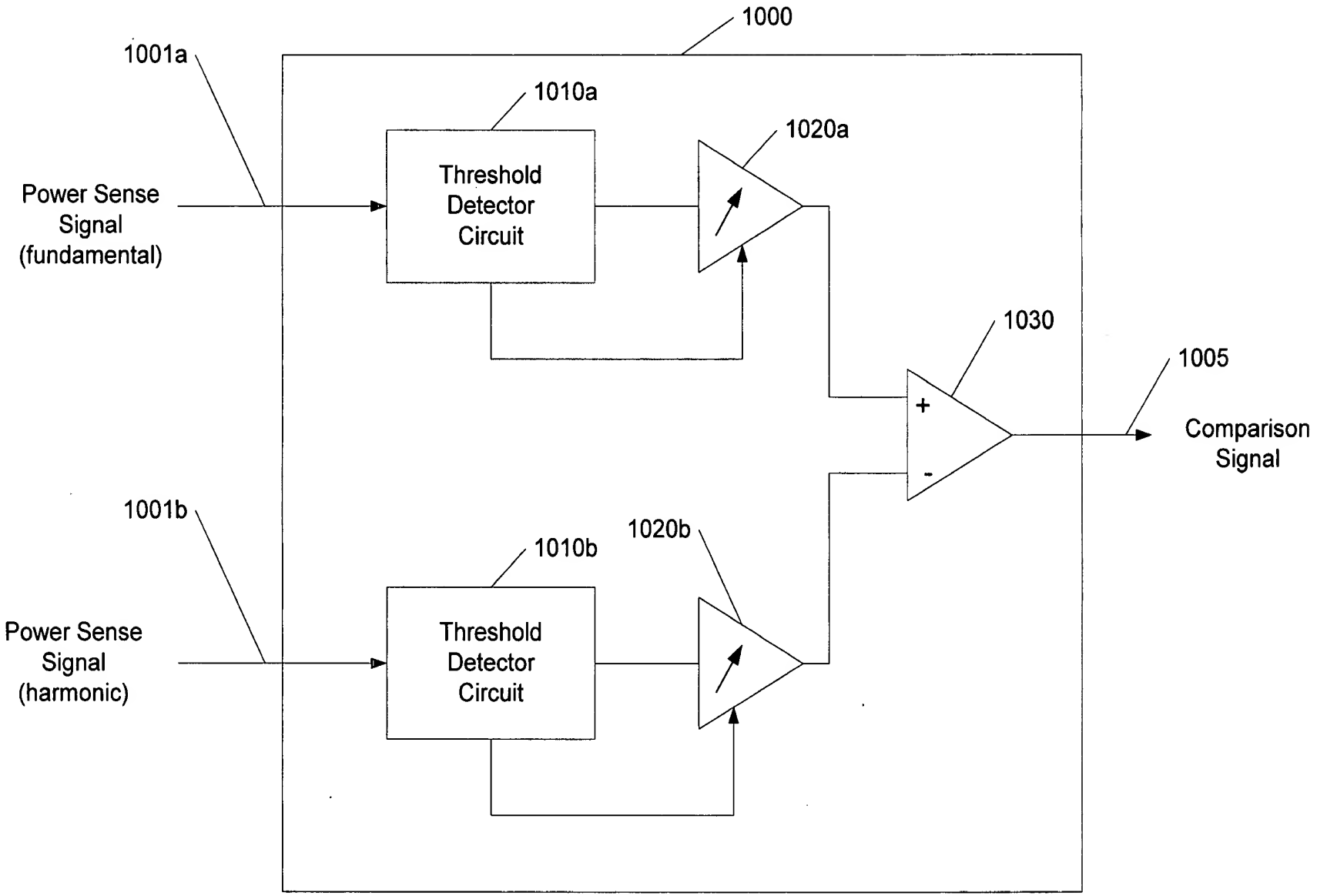
1000
1001a
1010a
1020a
Power Sense Signal (fundamental)
Threshold Detector Circuit
1030
1005
+
-
Comparison Signal
1001b
1020b
1010b
Power Sense Signal (harmonic)
Threshold Detector Circuit

FIG. 10